

Seasonally Adjusted  
Weekly Average

LEAST SQUARES CURVE FITTING

| NUMBER | CURVE TYPE     | R-SQUARED   | A           | B            | DURBIN WATSON |
|--------|----------------|-------------|-------------|--------------|---------------|
| 1      | $Y=A+B*X$      | 0.101602977 | 3781.342105 | 22.67218045  | 2.0371        |
| 2      | $Y=A*EXP(B*X)$ | 0.073676138 | 3798.163817 | 0.004886157  | 2.0297        |
| 3      | $Y=A*(X^B)$    | 0.060003649 | 3735.479211 | 0.032098875  | 2.0009        |
| 4      | $Y=A+B/X$      | 0.039651585 | 4086.845524 | -374.9327649 | 1.9515        |
| 5      | $Y=1/(A+B*X)$  | 0.048495196 | 0.000262274 | -0.10269D-05 | 2.0008        |
| 6      | $Y=X/(A*X+B)$  | 0.021652490 | 0.000248224 | 0.000018164  | 1.9144        |

TYPE IN CURVE NUMBER FOR DETAILED RESULTS.

TYPE 0 (ZERO) FOR END. ?1

20 OBSERVATIONS, 2 VARIABLES  
RANGE =M11/83-M6/85

EQUATION:

EGPMTO(T)=3781.342105+22.67218045\*TIME(1)

|                    |             |                     |        |
|--------------------|-------------|---------------------|--------|
| R-SQUARED          | 0.1016      | DURBIN WATSON STAT. | 2.0371 |
| ADJUSTED R-SQUARED | 0.0517      | F-VALUE (1, 18)     | 2.0357 |
| SUM SQUARED RES.   | 3022526.335 | DEGREES OF FREEDOM  | 18     |
| STD. ERROR OF RES. | 409.7781470 | DEPENDENT MEAN      | 4019.4 |

| COEFF | VALUE       | 95% CONFIDENCE LIMITS    | STD. ERR.   | T-STAT.     |
|-------|-------------|--------------------------|-------------|-------------|
| A     | 3781.342105 | 3381.406588 4181.277623  | 190.3548393 | 19.86470173 |
| B     | 22.67218045 | -10.71379149 56.05815239 | 15.89051496 | 1.426774431 |

ANALYSIS OF VARIANCE:

| SOURCE<br>OF<br>VARIANCE | SUM<br>OF<br>SQUARES | DEGREES<br>OF<br>FREEDOM | MEAN<br>SQUARES       |
|--------------------------|----------------------|--------------------------|-----------------------|
| REGRESSION               | 341828.46            | 1                        | 341828.46             |
| RESIDUALS                | 3022526.34           | 18                       | 167918.13             |
| TOTALS                   | 3364354.80           | 19                       |                       |
| OBS                      | ACTUAL               | ESTIMATE                 | 95% CONFIDENCE LIMITS |

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| OBS    | ACTUAL      | ESTIMATE    | 95% CONFIDENCE LIMITS   |
|--------|-------------|-------------|-------------------------|
| M11/83 | 3922.000000 | 3804.014286 | 3432.994130 4175.034441 |
| M12/83 | 3641.000000 | 3826.686466 | 3483.768489 4169.604444 |
| M1/84  | 3823.000000 | 3849.358647 | 3533.512530 4165.204763 |
| M2/84  | 3860.000000 | 3872.030827 | 3581.937660 4162.123994 |
| M3/84  | 3942.000000 | 3894.703008 | 3628.660589 4160.745426 |
| M4/84  | 4057.000000 | 3917.375188 | 3673.177856 4161.572520 |
| M5/84  | 4130.000000 | 3940.047368 | 3714.846676 4165.248061 |
| M6/84  | 3849.000000 | 3962.719549 | 3752.891969 4172.547129 |
| M7/84  | 4035.000000 | 3985.391729 | 3786.471844 4184.311615 |
| M8/84  | 3805.000000 | 4008.063910 | 3814.828627 4201.299193 |
| M9/84  | 3982.000000 | 4030.736090 | 3837.500807 4223.971373 |
| M10/84 | 4144.000000 | 4053.408271 | 3854.488385 4252.328156 |
| M11/84 | 4598.000000 | 4076.080451 | 3866.252871 4285.908031 |
| M12/84 | 4311.000000 | 4098.752632 | 3873.551939 4323.953324 |
| M1/85  | 2999.000000 | 4121.424812 | 3877.227480 4365.622144 |
| M2/85  | 3830.000000 | 4144.096992 | 3878.054574 4410.139411 |
| M3/85  | 4737.000000 | 4166.769173 | 3876.676006 4456.862340 |
| M4/85  | 3562.000000 | 4189.441353 | 3873.595237 4505.287470 |
| M5/85  | 4219.000000 | 4212.113534 | 3869.195556 4555.031511 |
| M6/85  | 4892.000000 | 4234.785714 | 3863.765559 4605.805870 |

EXTRAPOLATIONS:

|        |             |             |                         |
|--------|-------------|-------------|-------------------------|
| M7/85  | 0.000000000 | 4257.457895 | 3857.522377 4657.393412 |
| M8/85  | 0.000000000 | 4280.130075 | 3850.630219 4709.629932 |
| M9/85  | 0.000000000 | 4302.802256 | 3843.214308 4762.390203 |
| M10/85 | 0.000000000 | 4325.474436 | 3835.371097 4815.577775 |
| M11/85 | 0.000000000 | 4348.146617 | 3827.175667 4869.117566 |
| M12/85 | 0.000000000 | 4370.818797 | 3818.687088 4922.950506 |

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